

AMENDMENTS TO THE DRAWINGS

Submitted herewith are "Replacement Sheets" of Figs. 1 to 23. No new matter has been added.

REMARKS

This amendment is in response to the Official Action dated May 31, 2006. In this amendment, replacement sheets of Figs. 1-23 are submitted herewith, Claims 31 and 43 have been cancelled and Claims 32-36, 41 and 44-48 have been amended. The application now includes Claims 32-42 and 44-48 with Claims 32, 37 and 44 being the only independent claims. Favorable reconsideration, in view of the above amendments and accompanying remarks, is respectfully requested.

In paragraph 1 of the Official Action, the Examiner has objected to the drawings for the reasons noted therein. In particular, in the objection to the drawings, the Examiner notes that "**the current drawings do not depict the claimed subject matter clearly**". First, it is noted that the Examiner did not comment on the changes to drawing Figs. 13 and 15 submitted on December 22, 2005, nor commented on the originally filed drawings in the initial Official Action dated March 22, 2005. Second, in connection with the Examiner's present objection to the drawings, it is believed that the "recess", which is identified by reference number 130 in the specification and drawings, is at least clearly shown in originally submitted drawing Fig. 20, and also is shown in originally submitted drawing Figs. 13 and 15. Nevertheless, in response to this objection, submitted herewith are "Replacement Sheets" of drawing Figs. 13-16 which more clearly show the recess 130, and also replacement sheets of Figs. 1-12 and 17-23. Note that replacement sheets for Figs. 13 and 15 include the changes submitted on December 22, 2005. No new matter has been added to the drawings. In view of this, it is believed that the objection to the drawings is overcome.

In paragraph 6 of the Official Action, the Examiner has indicated that Claims 32 and 44 contain allowable subject matter if rewritten in independent form to include all of the limitations of the base claim and any intervening claims. Claims 32 and 44 have been amended in such a manner. Accordingly, it is believed that independent Claim 32, along with dependent Claims 33-36 and 41, and independent Claim 44, along with dependent Claims 45-48, are patentable over the cited references.

In paragraph 7 of the Official Action, the Examiner has indicated that Claims 37-42 would be allowed if the drawings were amended to clearly show the conical

recess. As discussed above, it is believed that the originally submitted drawings showed the conical recess and also replacement sheets of Figs. 13 to 16 are submitted herewith. Accordingly, it is believed that Claim 37, along with dependent Claims 38-40 and 42, are patentable over the cited references. Regarding Claim 41, Claim 41 is a dependent claim and depends from Claim 32 which, as discussed above, is believed to be in condition for allowance.

In paragraphs 2 and 3 of the Official Action, the Examiner has rejected Claims 31, 33-35, 43 and 45-47 under the provisions of 35 U.S.C. 102(b) as being anticipated by U.S. Patent No. 6,257,378 to Girkin et al. Claims 31 and 43 have been cancelled and dependent Claims 33-35 and 45-47 are believed to be patentable for those reasons discussed above with respect to their associated independent claims.

In paragraphs 4 and 5 of the Official Action, the Examiner has rejected Claims 36 and 48 under the provisions of 35 U.S.C. 103(a) as being unpatentable over Girkin et al. '378 in view of U.S. Publication 2004/0195054 to Thomas. Claims 36 and 48 are dependent claims and believed to be patentable for those reasons discussed above with respect to their associated independent claims.

In view of the above amendments and accompanying remarks, it is believed that the application is in condition for allowance. However, if the Examiner does not believe that the above remarks and amendments place the application in condition for allowance, or if the Examiner has any comments or suggestions, it is requested that the Examiner contact Applicants' attorney at (419) 255-5900 to discuss the application prior to the issuance of an action in this case by the Examiner.

Respectfully submitted,



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